

IN THE CLAIMS:

The text of all pending claims is set forth below. Please AMEND claims 1 and 5 and ADD new claim 7 in accordance with the following:

1. (CURRENTLY AMENDED) A machining system for machining workpieces of different kinds, comprising:

a machine tool for performing machining on a workpiece;

a ~~handling~~ handling robot for handling the workpiece;

a visual sensor for detecting the workpiece;

an information processing device connected with said machine tool, said handling robot and said visual sensor through a communication path,

said information processing device including display means for displaying a list of items specifying operation programs for said machine tool, said handling robot or said visual sensor to be used for different kinds of workpieces on a display screen; and

communicating means for uploading/downloading an operation program specified by one of the items displayed on the display screen selected by an operator and/or information associated with the operation program ~~from/to~~ between the information processing device and said machine tool, said handling robot ~~and/or~~ said visual sensor,

wherein the operation program and/or the associated information specified by the item selected by the operator are displayed on the display screen, ~~to allow the operator to confirm~~ and editing the displayed operation program and/or associated information according to the displayed information.

2. (ORIGINAL) A machining system according to claim 1, wherein said information processing device further includes editing means for editing the operation program and/or the associated information displayed on the display screen.

3. (ORIGINAL) A machining system according to claim 1, wherein said associated information includes parameters for executing the operation program.

4. (ORIGINAL) A machining system according to claim 1, wherein said display means simultaneously displays information on a plurality of operation programs specified by items selected by the operator on the display screen.

5. (CURRENTLY AMENDED) A machining system according to claim 1, ~~according to claim 1,~~ wherein said display means simultaneously displays the operation programs and/or the associated information for at least two of said machine tool, said handling robot and said visual sensor on the display screen.

6. (ORIGINAL) A machining system according to claim 1, wherein one of said machine tool, said handling robot and said visual sensor functions as said information processing device.

7. (NEW) An apparatus, comprising:

a sensor to detect an orientation of a workpiece;

a machine tool to machine the workpiece;

a handling robot to hold the workpiece;

an information processing device in communication with said machine tool, said handling robot and said sensor,

said information processing device including a display screen to display a list of items specifying operation programs for said machine tool, said handling robot or said sensor to be used for different kinds of the workpieces; and

a communicating unit to upload/download the operation program specified by one of the items displayed on the display screen selected by an operator and/or information associated with the operation program,

wherein the operation program and/or the associated information specified by the item selected by the operator are displayed on the display screen, the operator confirming and editing the displayed operation program and/or associated information according to the displayed information.